



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Walter G. SCOTT

Appl. No.: 10/622,583

Filed: July 21, 2003

For: **Multiplexer For A Piezo Ceramic Identification Device**

Confirmation No.: 4697

Art Unit: 2834

Examiner: Budd, Mark Osborne

Atty. Docket: 1823.0150008

**Information Disclosure Statement**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Forms PTO/SB/08a and PTO/SB/08b are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicant has listed publication dates on the attached PTO/SB/08a and PTO/SB/08b based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Applicant has checked the appropriate boxes below.

- 1. Statement under 37 C.F.R. 1.704(d). Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this information disclosure statement.
- 2. Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed within three months of the date of filing of a national application other than a continued prosecution application (CPA), OR within three months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application, OR before the mailing date of a first Office Action on the merits OR before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.
- 3. Filing under 37 C.F.R. § 1.97(c). This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).

c. Attached is our PTO-2038 Credit Card Payment Form in the amount of \$180.00 in payment of the fee under 37 C.F.R. § 1.17(p).

4. Filing under 37 C.F.R. § 1.97(d) This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Enclosed find our PTO-2038 Credit Card Payment Form in the amount of \$\_\_\_\_\_ in payment of the fee under 37 C.F.R. § 1.17(p); in addition:

a. Statement under 37 C.F.R. § 1.97(e)(1). I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign

application not more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(1).

- b. Statement under 37 C.F.R. § 1.97(e)(2). I hereby state that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. § 1.97(e)(2).
- 5. The document(s) was/were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.
- 6. A concise explanation of the relevance of the non-English language document(s) appears below:
- 7. Copies of the documents are submitted herewith.
- 8. Copies of the documents were cited by or submitted to the Office in an IDS that complies with 37 C.F.R. § 1.98(a)-(c) in Application No. 09/815,250, filed March 23, 2001, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these documents are not attached. 37 C.F.R. § 1.98(d).

9. No copies of U.S. patents and patent application publications cited on the attached Forms PTO/SB/08a and PTO/SB/08b are submitted in accordance with 1276 OG 55 because this application was filed after June 30, 2003.

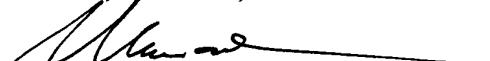
10. It is expected that the examiner will review the prosecution and cited art in the parent application no(s). \_\_\_\_\_, filed \_\_\_\_\_ in accordance with MPEP 2001.06(b), and indicate in the next communication from the office that the art cited in the earlier prosecution history has been reviewed in connection with the present application.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO/SB/08a and PTO/SB/08b, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Theodore A. Wood  
Attorney for Applicant  
Registration No. 52,374

Date: April 19, 2004

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STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Sheet | 1 | of | 3 | Complete If Known                    |
|-------|---|----|---|--------------------------------------|
|       |   |    |   | Application Number 10/622,583        |
|       |   |    |   | Filing Date July 21, 2003            |
|       |   |    |   | First Named Inventor Walter G. Scott |
|       |   |    |   | Art Unit 2834                        |
|       |   |    |   | Examiner Name Budd, Mark Osborne     |
|       |   |    |   | Attorney Docket Number 1823.0150008  |

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          |  | Publication Date<br>MM-DD-YYYY | Name of Patentee<br>or Applicant of<br>Cited Document | Pages, Columns,<br>Lines, Where<br>Relevant Passages<br>or Relevant Figures<br>Appear |
|--------------------|-----------------------|--|--|--------------------------------|---|---|
|                    |                       | Number-Kind Code <sup>2</sup> (If Known) |  |                                |   |   |
|                    | AA1                   | US-4,316,115                             |  | 02-16-1982                     | Wilson <i>et al.</i>                                  |   |
|                    | AB1                   | US-4,394,773                             |  | 07-19-1983                     | Ruell   |   |
|                    | AC1                   | US-4,499,394                             |  | 02-12-1985                     | Koal  |   |
|                    | AD1                   | US-4,539,554                             |  | 09-03-1985                     | Jarvis <i>et al.</i>                                  |   |
|                    | AE1                   | US-4,555,953                             |  | 12-03-1985                     | Dario <i>et al.</i>                                   |   |
|                    | AF1                   | US-4,643,028                             |  | 02-17-1987                     | Kondo <i>et al.</i>                                   |   |
|                    | AG1                   | US-4,709,342                             |  | 03-21-1989                     | Ratzlaff <i>et al.</i>                                |   |
|                    | AH1                   | US-4,814,661                             |  | 03-21-1989                     | Ratzlaff <i>et al.</i>                                |   |
|                    | AI1                   | US-4,849,668                             |  | 07-18-1989                     | Crawley <i>et al.</i>                                 |   |
|                    | AJ1                   | US-5,055,838                             |  | 10-08-1991                     | Wise <i>et al.</i>                                    |   |
|                    | AK1                   | US-5,224,174                             |  | 06-29-1993                     | Schneider <i>et al.</i>                               |   |
|                    | AL1                   | US-5,273,045                             |  | 12-28-1993                     | Chihara <i>et al.</i>                                 |   |
|                    | AM1                   | US-5,311,095                             |  | 05-10-1994                     | Smith <i>et al.</i>                                   |   |
|                    | AN1                   | US-5,339,051                             |  | 08-16-1994                     | Koehler <i>et al.</i>                                 |   |
|                    | AO1                   | US-5,365,154                             |  | 11-15-1994                     | Schneider <i>et al.</i>                               |   |
|                    | AP1                   | US-5,421,335                             |  | 06-06-1995                     | Wild  |   |
|                    | AQ1                   | US-5,424,596                             |  | 06-13-1995                     | Mendenhall <i>et al.</i>                              |   |
|                    | AR1                   | US-5,456,256                             |  | 10-10-1995                     | Schneider <i>et al.</i>                               |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document  |                      | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited<br>Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|--|----------------------|--------------------------------|---|--|----------------|
|                    |                       | Country Code <sup>4</sup> Kind<br>Code <sup>5</sup> (in known) |                      |                                |   |  |                |
|                    | BA1                   | DE   | 19750179 A1          | 02-25-1999                     | Hahn-Jose   |  |                |
|                    | BB1                   | EP   | 0649116 A1 and<br>B1 | 04-19-1995                     | Tamori  |  |                |
|                    | BC1                   | JP   | 7-059769             | 03-07-1995                     | Toshiro <i>et al.</i>                                 |  |                |
|                    | BD1                   | JP   | 8-336534             | 12-24-1996                     | Takeshi   |  |                |
|                    | BE1                   | WO   | 01/18740 A1          | 03-15-2001                     | Schneider <i>et al.</i>                               |  |                |
|                    | BF1                   | WO   | 01/19016 A1          | 03-15-2001                     | Schneider <i>et al.</i>                               |  |                |

| Examiner Signature | Date Considered |
|--------------------|-----------------|
|                    |                 |

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| Substitute for form 1449A/PTO |  |   |    | Complete If Known    |                        |
|                               |  |   |    | Application Number   | 10/622,583             |
|                               |  |   |    | Filing Date          | July 21, 2003          |
|                               |  |   |    | First Named Inventor | Walter G. Scott        |
|                               |  |   |    | Art Unit             | 2834                   |
|                               |  |   |    | Examiner Name        | Budd, Mark Osborne     |
| Sheet                         |  | 2 | of | 3                    | Attorney Docket Number |
|                               |  |   |    |                      | 1823.0150008           |

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          |  | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--|--------------------------------|---|---|
|                    |                       | Number-Kind Code <sup>2</sup> (If Known) |  |                                |   |   |
|                    | AA2                   | US-5,500,635                             |  | 03-19-1996                     | Mott  |   |
|                    | AB2                   | US-5,515,738                             |  | 05-14-1996                     | Tamori  |   |
|                    | AC2                   | US-5,552,274                             |  | 09-03-1996                     | Oyama <i>et al.</i>                             |   |
|                    | AD2                   | US-5,578,761                             |  | 11-26-1996                     | Clark, Jr. <i>et al.</i>                        |   |
|                    | AE2                   | US-5,587,533                             |  | 12-24-1996                     | Schneider <i>et al.</i>                         |   |
|                    | AF2                   | US-5,623,930                             |  | 04-29-1997                     | Wright <i>et al.</i>                            |   |
|                    | AG2                   | US-5,647,364                             |  | 07-15-1997                     | Schneider <i>et al.</i>                         |   |
|                    | AH2                   | US-5,689,576                             |  | 11-18-1997                     | Schneider <i>et al.</i>                         |   |
|                    | AI2                   | US-5,760,530                             |  | 06-02-1998                     | Kolesar   |   |
|                    | AJ2                   | US-5,844,287                             |  | 12-01-1998                     | Hassan <i>et al.</i>                            |   |
|                    | AK2                   | US-5,935,071                             |  | 08-10-1999                     | Schneider <i>et al.</i>                         |   |
|                    | AL2                   | US-5,971,927                             |  | 10-26-1999                     | Mine  |   |
|                    | AM2                   | US-6,111,342                             |  | 08-29-2000                     | Muramatsu <i>et al.</i>                         |   |
|                    | AN2                   | US-6,296,610 B1                          |  | 10-02-2001                     | Schneider <i>et al.</i>                         |   |
|                    | AO2                   | US-6,461,314 B1                          |  | 10-08-2002                     | Pant <i>et al.</i>                              |   |
|                    |                       |  |  |                                |   |   |
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| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |
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|                          |                       | Country Code <sup>4</sup> Kind Code <sup>5</sup> (in known) |                                |   |   |
|                          | BA2                   | WO01/67383 A1   | 09-13-2001                     | Koo   |   |
|                          | BB2                   | WO01/91626 A2   | 12-06-2001                     | Currie <i>et al.</i>                            |   |
|                          | BC2                   | WO02/12660 A1   | 02-14-2002                     | Koo   |   |
|                          | BD2                   | WO02/48485 A1   | 06-20-2002                     | Koo   |   |
|                          | BE2                   | WO03/15011 A1   | 02-20-2003                     | Koo   |   |
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<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Transaction is attached.

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| Substitute for form 1449B/PTO |   |    |   | <b>Complete If Known</b>      |                    |
|                               |   |    |   | <i>Application Number</i>     | 10/622,583         |
|                               |   |    |   | <i>Filing Date</i>            | July 21, 2003      |
|                               |   |    |   | <i>First Named Inventor</i>   | Walter G. Scott    |
|                               |   |    |   | <i>Art Unit</i>               | 2834               |
|                               |   |    |   | <i>Examiner Name</i>          | Budd, Mark Osborne |
| Sheet                         | 3 | of | 3 | <i>Attorney Docket Number</i> | 1823.0150008       |

| <b>NON PATENT LITERATURE DOCUMENTS</b> |                       |   |  |  |  |                |
|--|-----------------------|---|--|--|--|----------------|
| Examiner Initials*                     | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published             |  |  |  | T <sup>2</sup> |
|  | CA1                   | Schneider <i>et al.</i> , "Live Scan Fingerprint Imagery Using High Resolution C-Scan Ultrasonography," <i>Proceedings of the 25<sup>th</sup> Annual 1991 IEEE Int'l Carnahan Conference on Security Technology</i> , IEEE, October 1-3, 1991, Taipei, Taiwan, pp. 89-95. |  |  |  |                |
|  | CB1                   | Patent Abstract of Japanese Publication Number 08336534, Japanese Patent Office, 1 page (December 1996).  |  |  |  |                |
|  | CC1                   | Patent Abstract of Japanese Publication Number 07059769, Japanese Patent Office, 1 page (March 1995).   |  |  |  |                |
|  | CD1                   | DIALOG File 349 (PCT FULL TEXT) (1 page) English Language abstract of Patent WO 9910874, published March 4, 1999.   |  |  |  |                |
|  | CE1                   | DIALOG File 349 (PCT FULL TEXT) (1 page) English Language abstract of Patent DE 19750179 A1, published February 25, 1999.   |  |  |  |                |
|  | CF1                   | Davidson, R. and Smith, S., "Two-Dimensional Array for Medical Ultrasound Using Multilayer Flexible Circuit Interconnection," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , IEEE, Vol. 45, No. 2, pp. 338-348 (March 1998).            |  |  |  |                |
|  | CG1                   | Roethenbaugh, Gary, "Biometrics Explained," <i>International Computer Security Association</i> , Vol. 2.0, pp. 1-34 (1998)  |  |  |  |                |
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